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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/591,759	09/01/2006	Joseph P. Hanus	1827.041	7970
23598	7590	03/20/2009	EXAMINER	
BOYLE FREDRICKSON S.C. 840 North Plankinton Avenue MILWAUKEE, WI 53203			SHAPIRO, JEFFERY A	
			ART UNIT	PAPER NUMBER
			3653	
			NOTIFICATION DATE	DELIVERY MODE
			03/20/2009	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@boylefred.com

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	10/591,759	HANUS ET AL.
	<b>Examiner</b>	<b>Art Unit</b>
	JEFFREY A. SHAPIRO	3653

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 01 September 2006.  
 2a) This action is FINAL.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-43 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-43 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1.) Certified copies of the priority documents have been received.  
 2.) Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3.) Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>9/1/06</u> . | 5) <input type="checkbox"/> Notice of Informal Patent Application |
|   | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-21, 23, 25, 28 and 31-43 are rejected under 35 U.S.C. 102(b) as being anticipated by Bock (US 1,024,057).

As recited in Claims 1-21, 23, 31-43, Bock discloses an apparatus for filling a coin magazine having channels (18) for receiving coins of various denominations, the apparatus further having a support (2,3) for supporting a coin magazine (66) as the magazine is moved from a first position for inserting the coin magazine into the apparatus to a second position for filling coins into the coin magazine, the coin magazine having a first channel (67) positioned at a coin filling location when the coin magazine is in the second position;

A feeder (13) for receiving a batch of coins of one denomination and for feeding coins towards a coin exit (22), a guard (6) positioned at the coin filling location for preventing coins from overshooting the coin filling location, and the magazine is movable from one channel/tube to the next by pivoting on spindle (65).

Regarding Claim 25, note that handle (8) allows manual power.

Regarding Claim 28, Bock's feeder appears to have a scalloped shape with pockets (18, 19).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 22, 24 and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bock (US 1,024,057).

Regarding Claim 22, official notice is taken that it would have been obvious to vary the diameter of the channels to accommodate different denominations sorted.

Regarding Claim 24, official notice is taken that it would have been obvious to arrange the coin channels in a straight line configuration, as is common in the coin handling art.

Regarding Claim 26, official notice is taken that it is obvious to use an electric motor to replace manually powered hand cranks such as element (8) of Bock.

5. Claims 27 and 29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bock in view of Blake et al (US 2003/0013402 A1).
6. Bock discloses the apparatus and method as discussed above.

7. Bock does not expressly disclose, but Blake discloses a pivotable coin tray for moving and lifting coins into the system feeder. See figure 7 of Blake which illustrates a tray portion with holes at figure 7.

8. Note that it also would have been obvious to include a disk feeder that singulates coins, in Bock's feeder, as taught by Blake, for the purpose of more efficiently filling the holes in the disk with coins to fill the coin tubes.

9. At the time of the invention, it would have been obvious to one of ordinary skill in the art to have added a pivoted tray and a disk feeder to Bock's coin handing apparatus for the purpose of more efficiently feeding coins into Bock's coin processing device, as taught by Blake.

10. Claim 30 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bock in view of Cole (US 6,200,213 B1).

11. Bock discloses the apparatus and method as discussed above.

Bock does not expressly disclose, but Cole discloses a disk feeder (21) that singulates coins and rotates in one of two directions for the purpose of sending coins to either the coin channels or to a coin return.

At the time of the invention, it would have been obvious to one of ordinary skill in the art to have added a disk feeder that rotates in two directions to Bock's coin handing apparatus for the purpose of more efficiently feeding coins into Bock's coin processing device, or to send coins to a return channel.

***Conclusion***

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Filod et al (US 5,492,212) is cited as an example of a coin processing device with a coin magazine.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEFFREY A. SHAPIRO whose telephone number is (571)272-6943. The examiner can normally be reached on Monday-Friday, 9:00 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick H. Mackey can be reached on (571)272-6916. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jeffrey A. Shapiro/  
Examiner, Art Unit 3653

March 16, 2009